

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046459.D
 Acq On : 26 Aug 2020 18:31
 Operator : CG/JU
 Sample : L3784-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-10

Quant Time: Aug 27 01:42:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65527	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	259870	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	174044	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	450124	20.00	ng	0.00
76) Chrysene-d12	21.55	240	559692	20.00	ng	0.00
86) Perylene-d12	24.66	264	555630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	419522	113.40	ng	0.00
7) Phenol-d6	7.10	99	489948	93.42	ng	0.00
23) Nitrobenzene-d5	9.08	82	394660	86.80	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	287998	122.13	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	989078	86.75	ng	0.00
79) Terphenyl-d14	19.92	244	1945219	73.97	ng	0.00

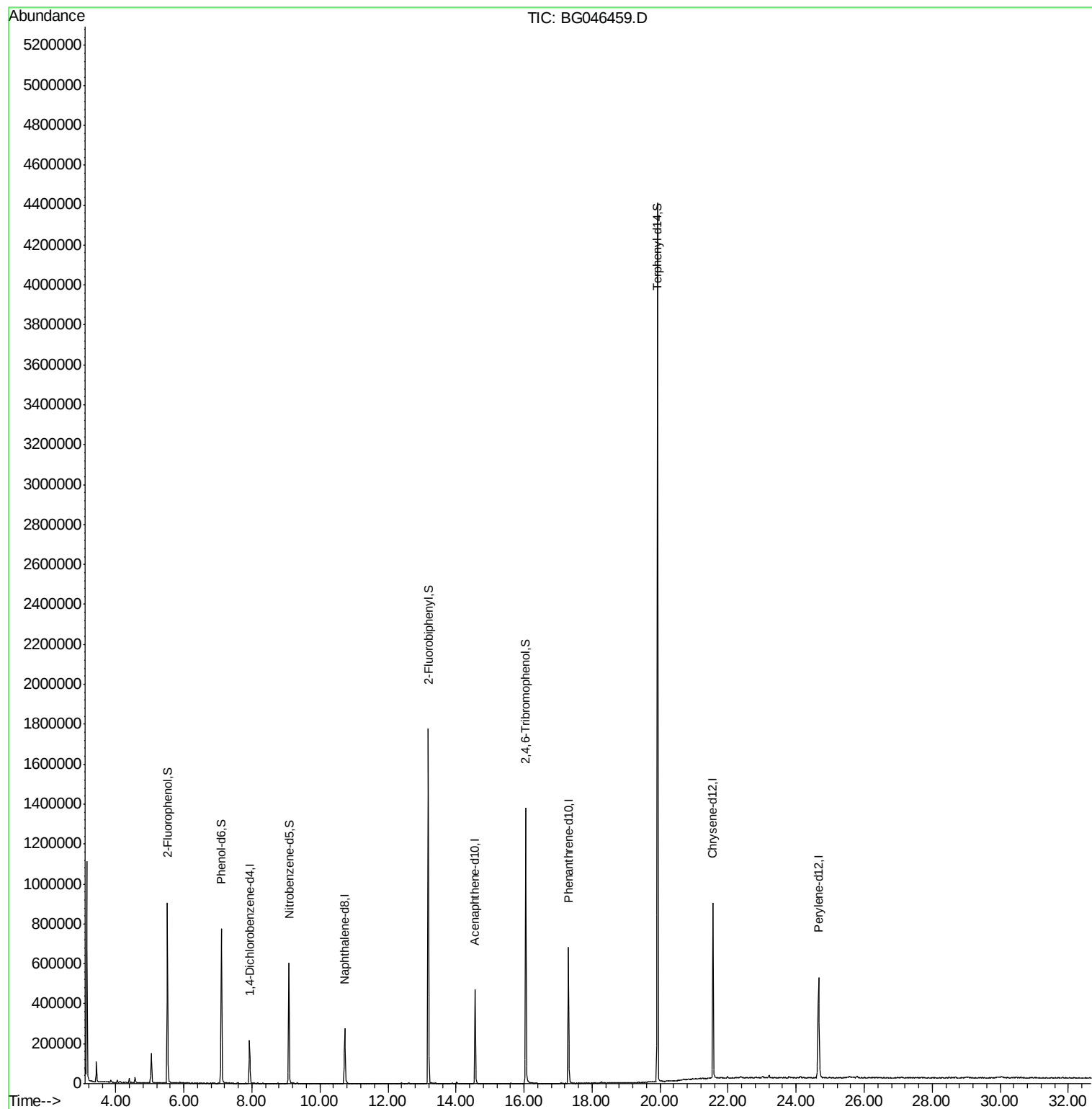
Target Compounds Qvalue

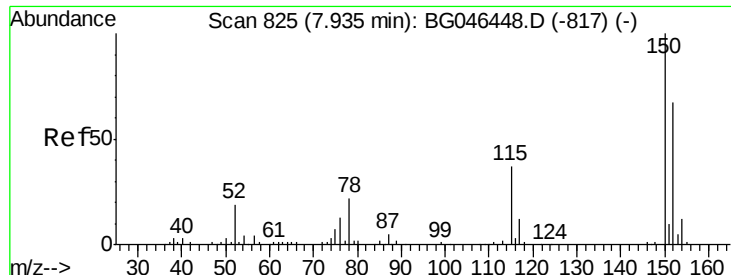
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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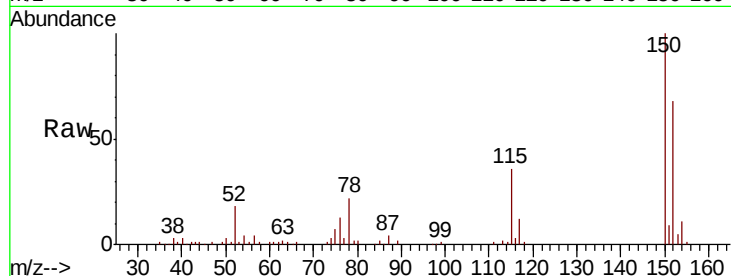




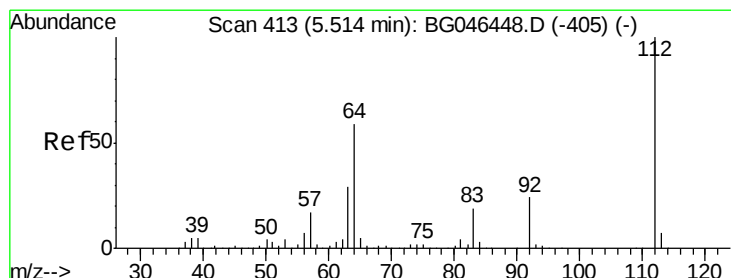
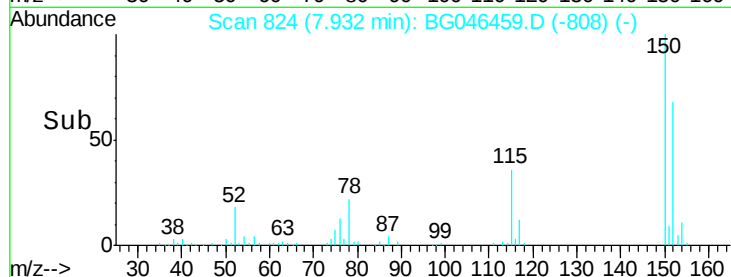
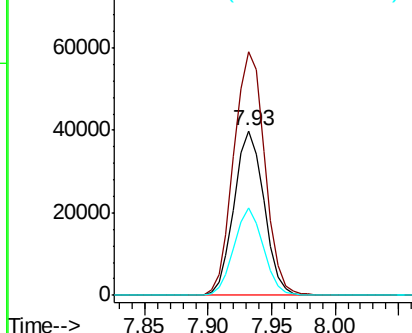
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046459.D
 Acq: 26 Aug 2020 18:31

Instrument :
 BNA_G
 ClientSampleId :
 RO-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	119.5	179.3
115	53.1	44.3	66.5

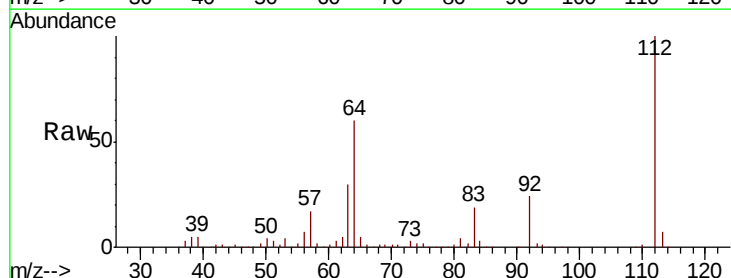


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

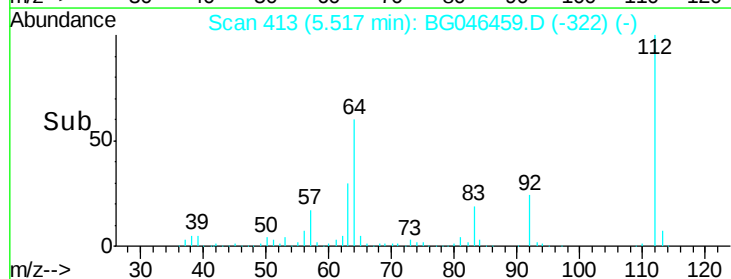
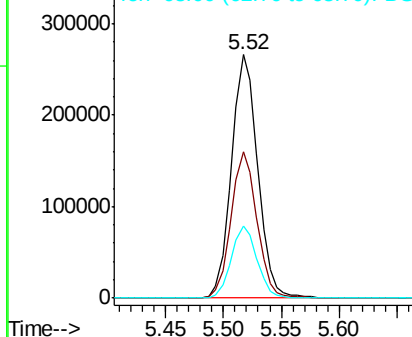


#5
 2-Fluorophenol
 Concen: 113.396 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046459.D
 Acq: 26 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.0	70.6
63	29.8	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 93.420 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046459.D

Acq: 26 Aug 2020 18:31

Instrument :

BNA_G

ClientSampleId :

RO-10

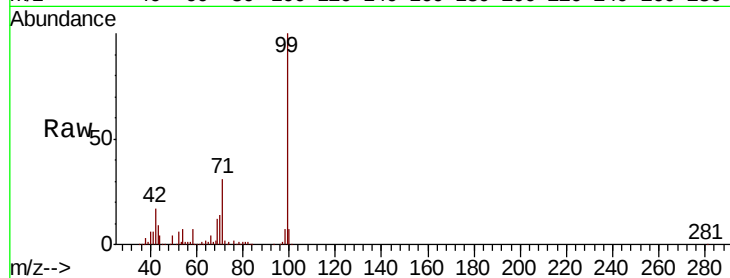
Tot Ion: 99 Resp: 489948

Ion Ratio Lower Upper

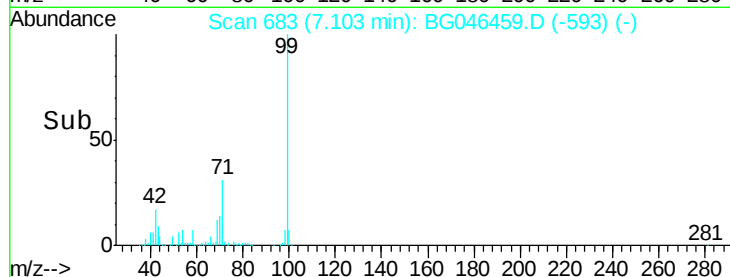
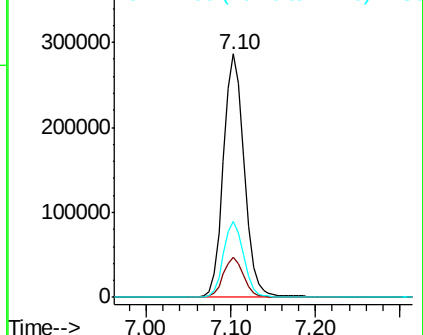
99 100

42 16.6 13.3 19.9

71 31.4 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046459.D

Acq: 26 Aug 2020 18:31

Tgt Ion: 136 Resp: 259870

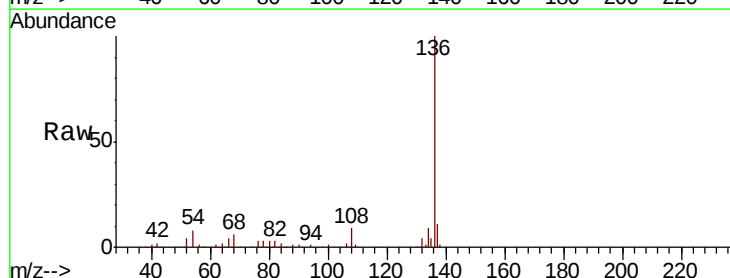
Ion Ratio Lower Upper

136 100

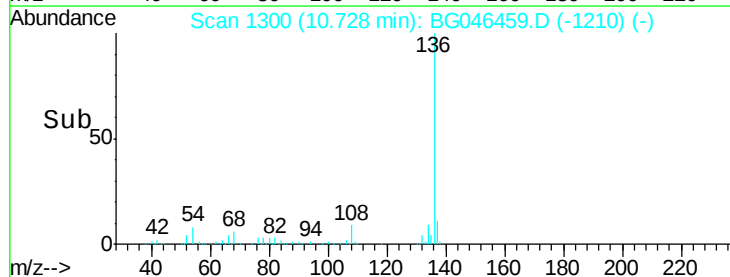
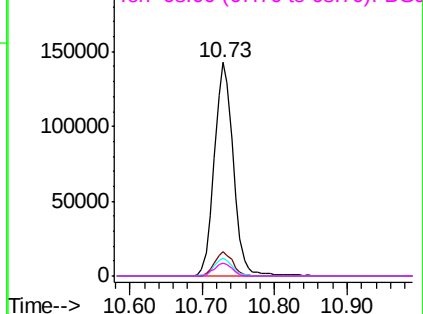
137 11.3 8.8 13.2

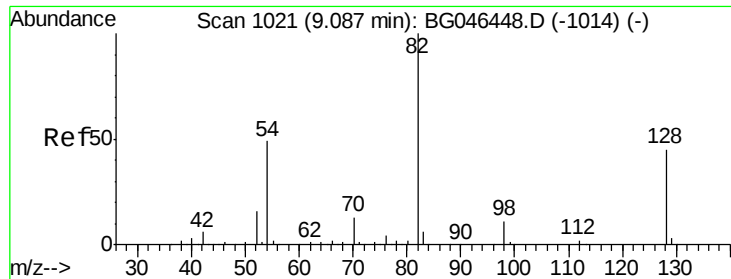
54 8.3 6.1 9.1

68 5.7 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

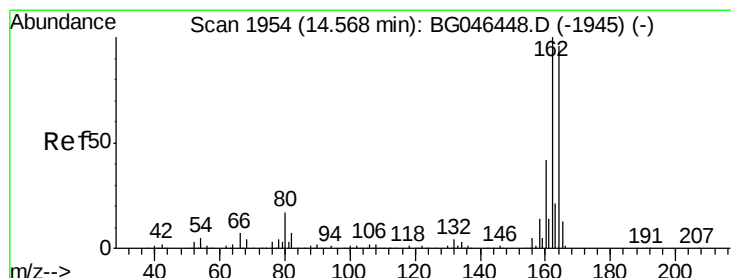
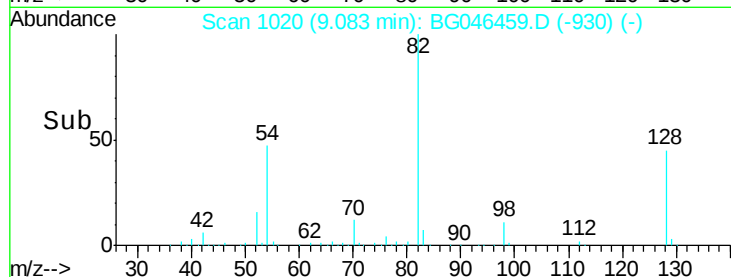
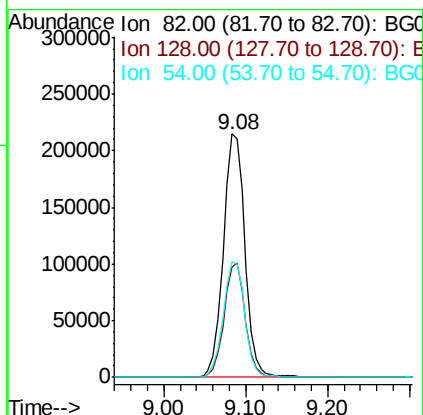
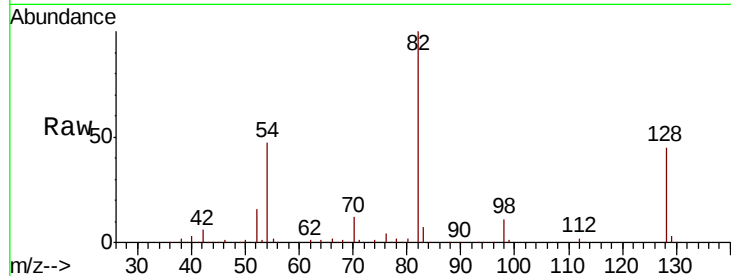




#23
Nitrobenzene-d5
Concen: 86.800 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046459.D
Acq: 26 Aug 2020 18:31

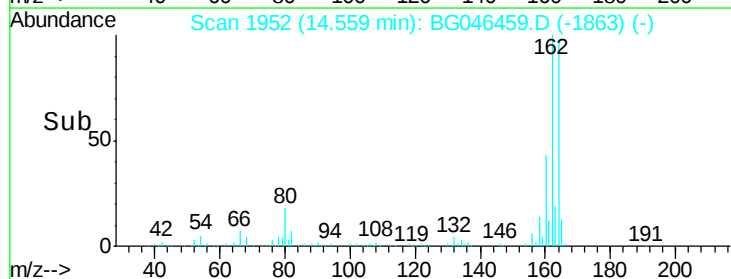
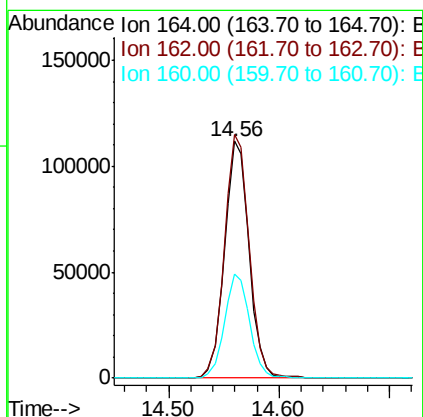
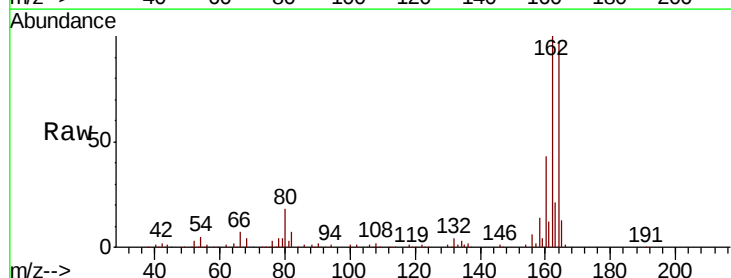
Instrument :
BNA_G
ClientSampleId :
RO-10

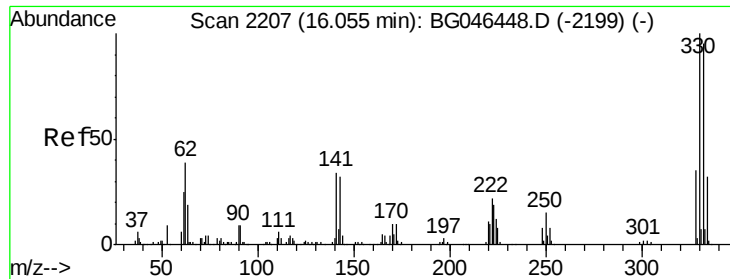
Tot Ion	82	Resp	394660
Ion Ratio	100	Lower	Upper
128	45.2	35.7	53.5
54	47.4	39.4	59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046459.D
Acq: 26 Aug 2020 18:31

Tgt Ion	164	Resp	174044
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.7	83.3	124.9
160	44.0	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 122.128 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046459.D

Acq: 26 Aug 2020 18:31

Instrument :

BNA_G

ClientSampled :

RO-10

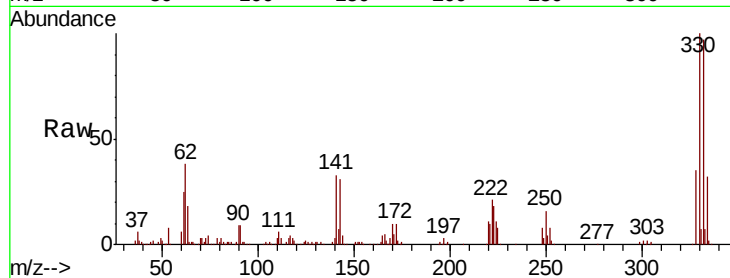
Tot Ion:330 Resp: 287998

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

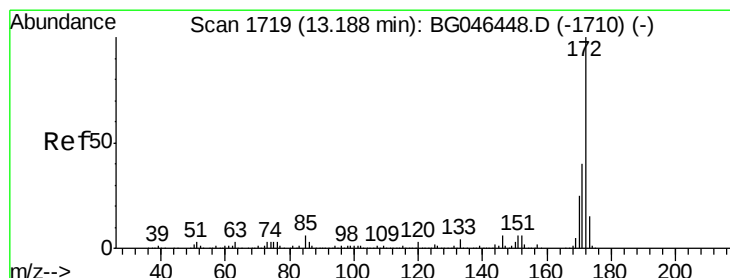
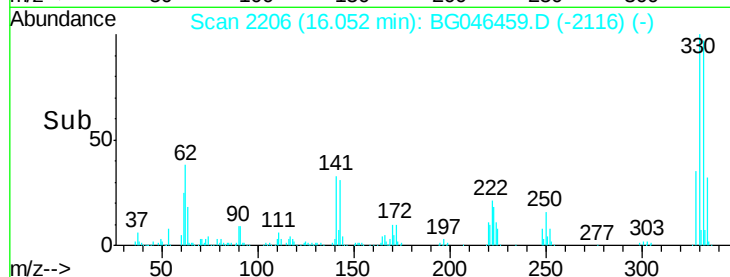
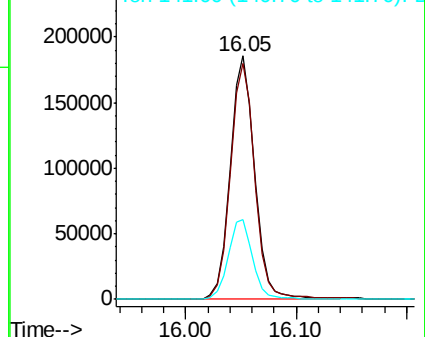
141 32.9 26.1 39.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 86.753 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046459.D

Acq: 26 Aug 2020 18:31

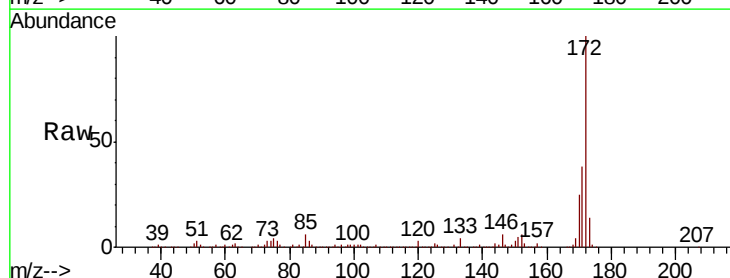
Tgt Ion:172 Resp: 989078

Ion Ratio Lower Upper

172 100

171 38.0 31.8 47.6

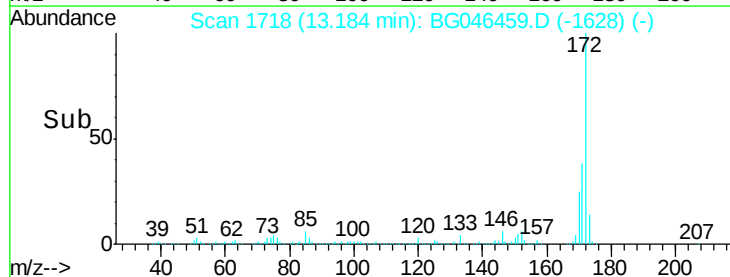
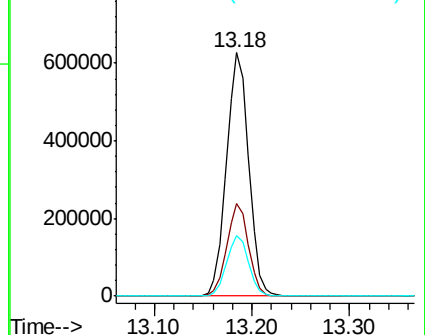
170 24.9 20.3 30.5

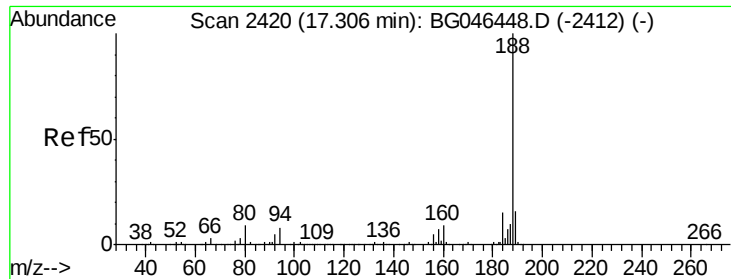


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

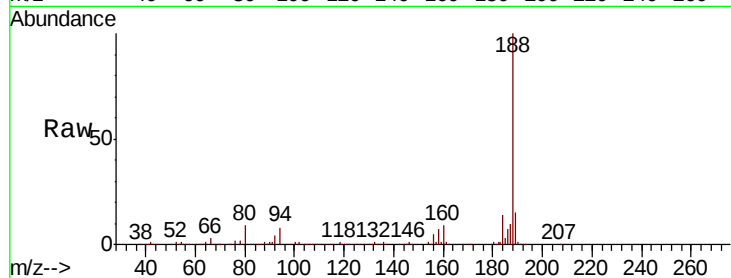




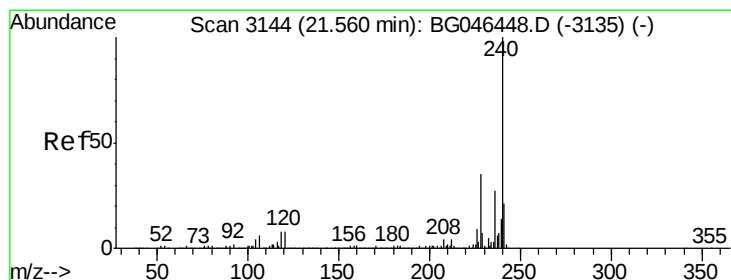
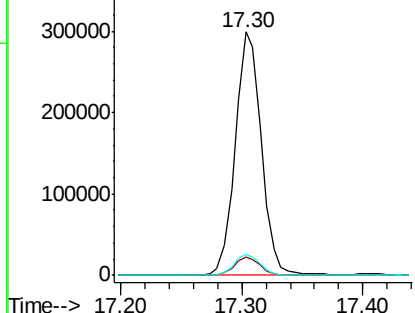
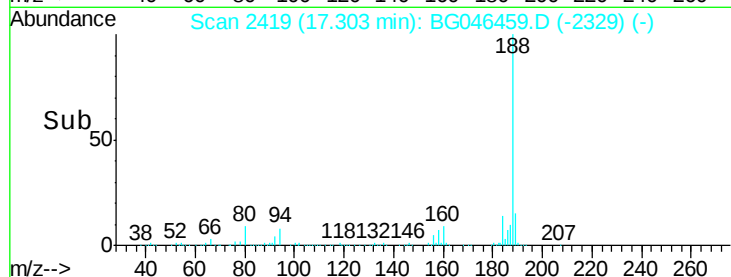
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046459.D
Acq: 26 Aug 2020 18:31

Instrument :
BNA_G
ClientSampleId :
RO-10

Tot Ion:188 Resp: 450124
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.8 6.9 10.3

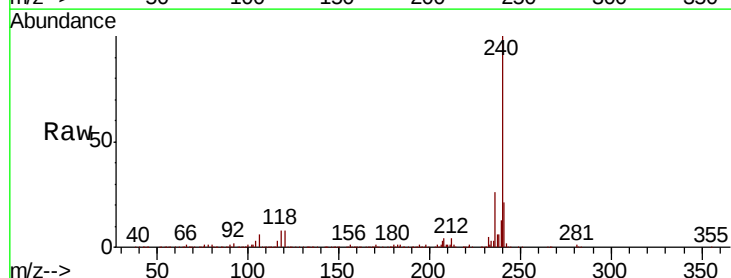


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

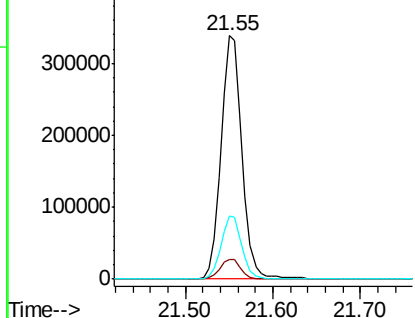
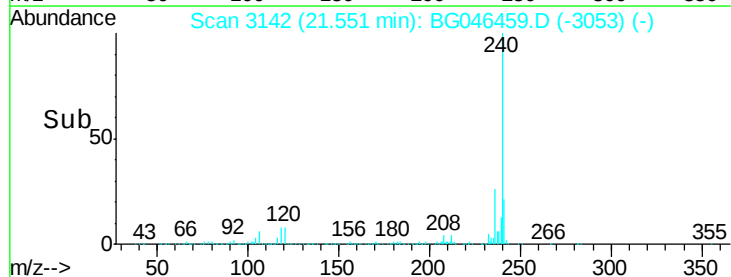


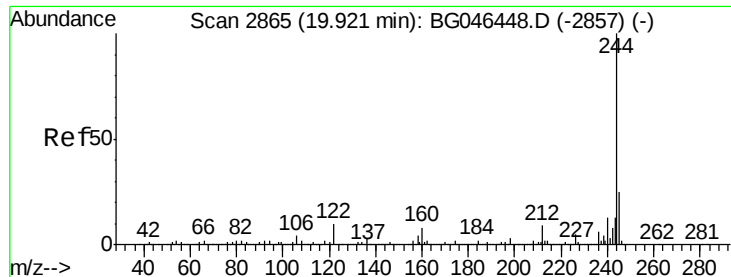
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046459.D
Acq: 26 Aug 2020 18:31

Tgt Ion:240 Resp: 559692
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 26.1 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.965 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046459.D

Acq: 26 Aug 2020 18:31

Instrument :

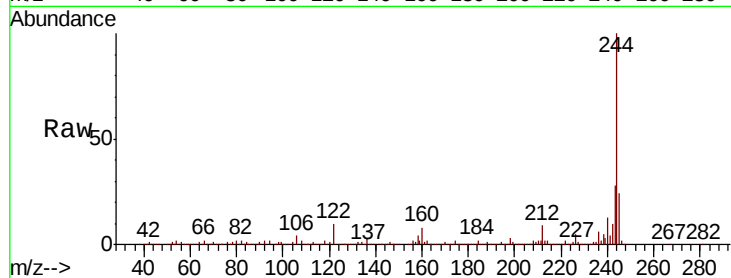
BNA_G

ClientSampleId :

RO-10

Tot Ion:244 Resp: 1945219

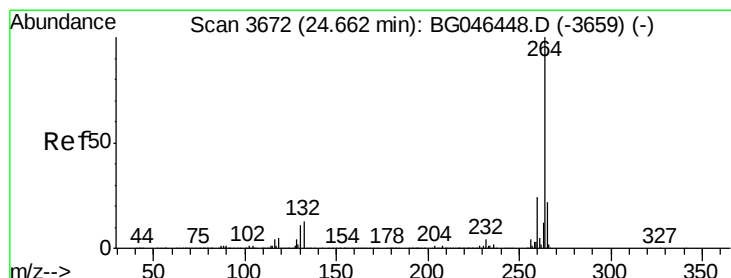
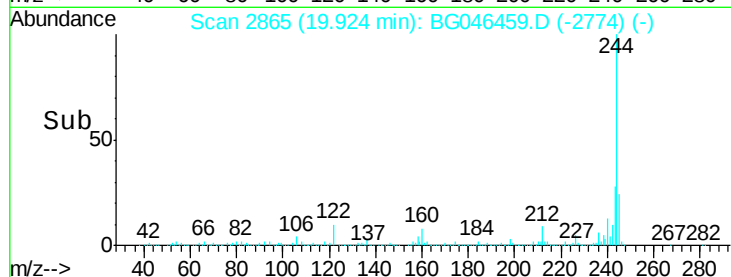
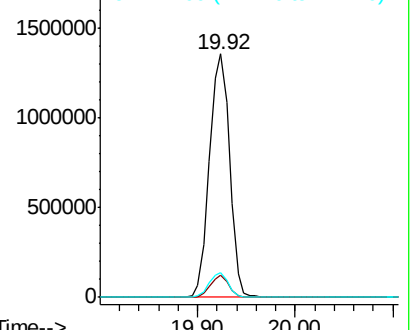
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	10.2	8.2	12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

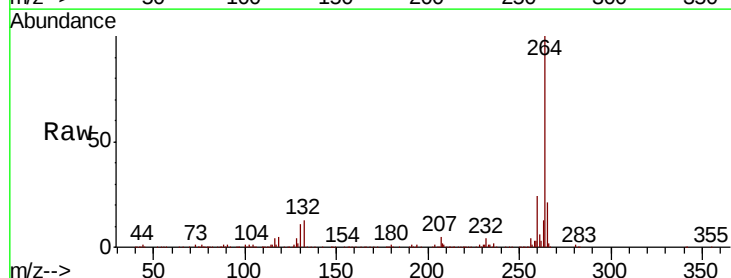
Delta R.T. -0.00 min

Lab File: BG046459.D

Acq: 26 Aug 2020 18:31

Tgt Ion:264 Resp: 555630

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

